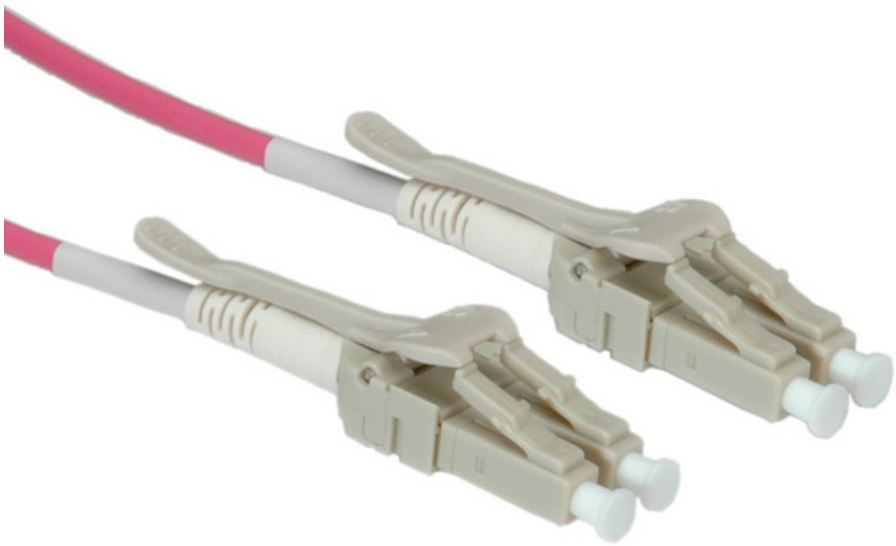
rotronic

Datenblatt - Fiche technique - Data sheet

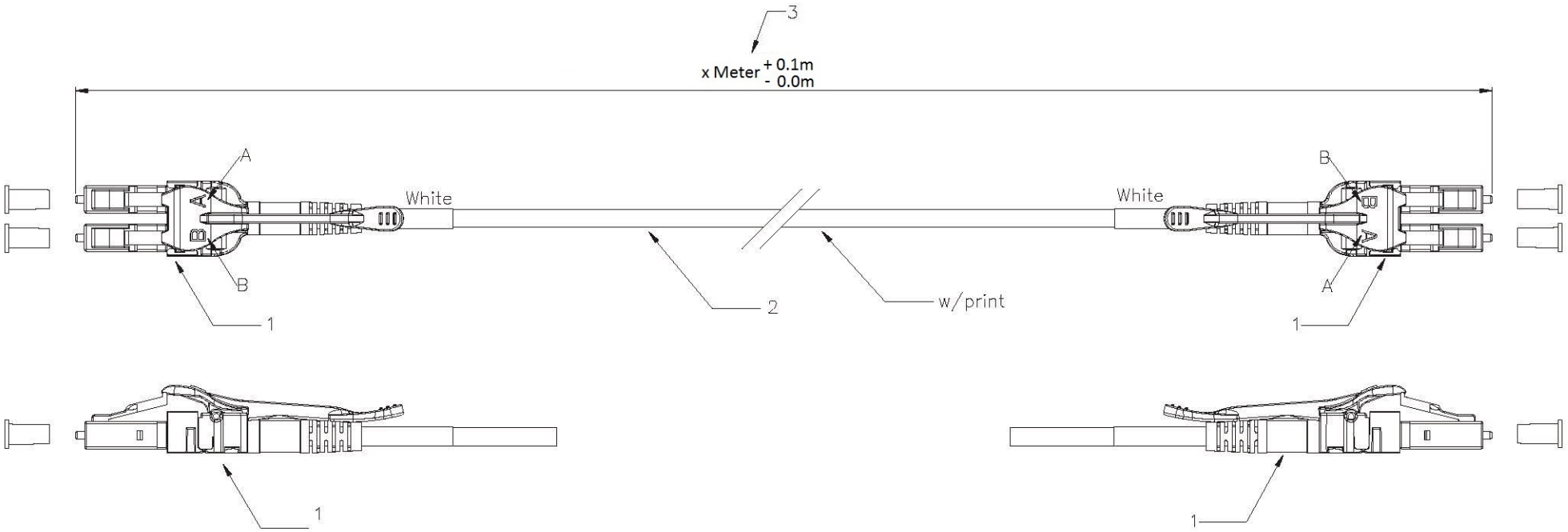
21.15.887x



ROLINE LWL-Kabel 50/125µm OM4, LC/LC, Low-Loss-Stecker für hohe Dichte

ROLINE Câble FO 50/125µm OM4, LC/LC, connecteurs Low-Loss, grande densité

ROLINE FO Jumper Cable 50/125µm OM4, LC/LC, Low-Loss-Connector, for Data Center



Specification:

1. LC Extractor Connector :

Mode	Ferrule	Housing	Clip	Control	Boot	Tube	Cap
OM4	Zirconia(ø1.25mm)	Aqua(PC)	Aqua(ABS+PC)	Aqua(PC+10%)	White(TPV)	White(PVC)	White(PE)

2. Cable Type : Round Duplex

Category	Jacket O.D.	Jacket Material
OM4(50/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH

3. Length : **x Meter (see below chart)**
4. Minimum of the bending radius: 60mm

Item no. Chart

21.15.8870	0.5m
21.15.8871	1m
21.15.8872	2m
21.15.8873	3m
21.15.8875	5m
21.15.8880	10m
21.15.8885	15m
21.15.8890	20m

Performance:

a. Insertion Loss :
   a-1: Multimode<0.5 dB(Low Loss<0.15 dB)
   a-2: Singlemode<0.3 dB
b. Return Loss :
   b-1: Singlemode/SPC>45 dB
   b-2: Singlemode/UPC>55 dB
c. Fiber Extention : −0.05um < H < +0.05um
d. ø1.25mm Ferrule End-face Radius : 7 < R < 25mm
e. Apex Offset : < 50um
f. Insertion Loss will be Increased after 500 mating : 0.2 dB Max
g. Operating Temperature : −20°C to +70°C
h. Storage Temperature : −40°C to +80°C

Item no.	21.15.8870, 21.15.8871, 21.15.8872, 21.15.8873, 21.15.8875, 21.15.8880, 21.15.8885, 21.15.8890			
Description	ROLINE Fiber Optical Cable, OM4, 50/125um, Duplex, LC/LC, Low Loss, for Data Center, erika-violet			
"#": Matching DIM.	DRAWING	21.Aul.2014	byz	rotronic
"*": Important DIM.	CHECK	21.Aul.2014	Jane	
Others General DIM.	APPROVAL	21.Aul.2014	Frank	
GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1		DATE	NAME	
	SCALE	1/1 (A4)	UNIT	mm
	DRAWING NO.	Extractor LC-LC(Uniboot)(SA1)		A1
	DRAWING CLASSIFICATION	S	SHEET	1 OF 1

No.	MODIFIED AREA	ORIGINAL	MODIFY	DATE	MODIFIER